

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062519\
 Data File : BE100175.D
 Acq On : 25 Jun 2019 10:37
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

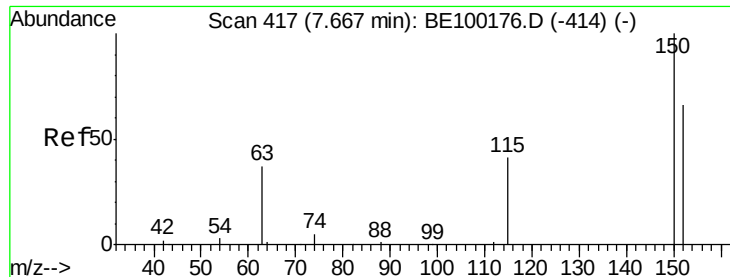
Quant Time: Jun 25 14:03:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 13:57:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	332	0.40	ng	0.02
7) Naphthalene-d8	10.48	136	1303	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	1026	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	3069	0.40	ng	0.01
27) Chrysene-d12	21.28	240	4322	0.40	ng	0.00
34) Perylene-d12	23.73	264	6205	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	32	0.04	ng	0.01
5) Phenol-d6	6.85	99	3	0.00	ng	-0.02
8) Nitrobenzene-d5	8.91	82	72	0.06	ng	0.07
11) 2-Methylnaphthalene-d10	12.12	152	252	0.10	ng	0.04
14) 2,4,6-Tribromophenol	15.88	330	49	0.07	ng	0.03
15) 2-Fluorobiphenyl	13.00	172	399	0.10	ng	0.03
25) Fluoranthene-d10	19.14	212	4283	0.10	ng	0.00
29) Terphenyl-d14	19.75	244	843	0.09	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	107	0.227	ng	# 90
3) n-Nitrosodimethylamine	3.55	42	21	0.108	ng	# 1
6) bis(2-Chloroethyl)ether	7.17	93	87	0.097	ng	# 60
9) Naphthalene	10.54	128	1398	0.099	ng	# 80
10) Hexachlorobutadiene	10.78	225	163	0.121	ng	# 98
12) 2-Methylnaphthalene	12.19	142	189	0.081	ng	# 88
16) Acenaphthylene	14.08	152	500	0.102	ng	# 93
17) Acenaphthene	14.41	154	270	0.097	ng	# 97
18) Fluorene	15.41	166	384	0.094	ng	# 99
20) 4-Bromophenyl-phenylether	16.30	248	179	0.094	ng	# 78
21) Hexachlorobenzene	16.40	284	213	0.106	ng	# 98
22) Pentachlorophenol	16.76	266	1	0.002	ng	# 86
23) Phenanthrene	17.15	178	682	0.095	ng	# 98
24) Anthracene	17.24	178	440	0.069	ng	# 99
26) Fluoranthene	19.17	202	1105	0.096	ng	# 97
28) Pyrene	19.53	202	1122	0.092	ng	# 99
30) Benzo(a)anthracene	21.27	228	1029	0.078	ng	# 92
31) Chrysene	21.32	228	1547	0.107	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.18	149	1565	0.072	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.32	276	2045	0.123	ng	# 72
35) Benzo(b)fluoranthene	22.98	252	1440	0.091	ng	# 81
36) Benzo(k)fluoranthene	23.03	252	1876	0.097	ng	# 80
37) Benzo(a)pyrene	23.62	252	1632	0.099	ng	# 67
38) Dibenzo(a,h)anthracene	26.36	278	1578	0.095	ng	# 74
39) Benzo(g,h,i)perylene	27.11	276	1759	0.101	ng	# 81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

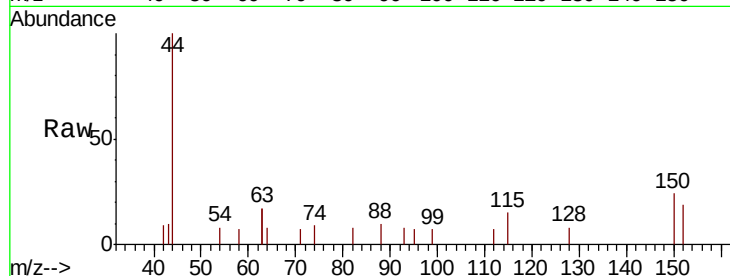


#1

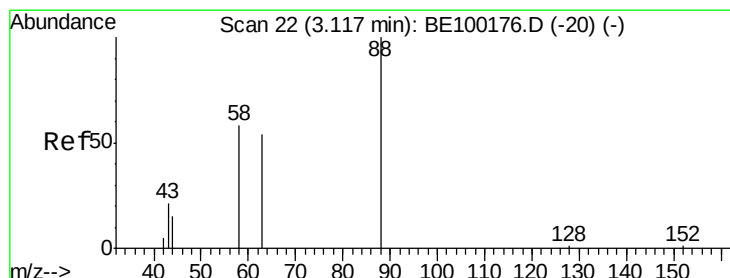
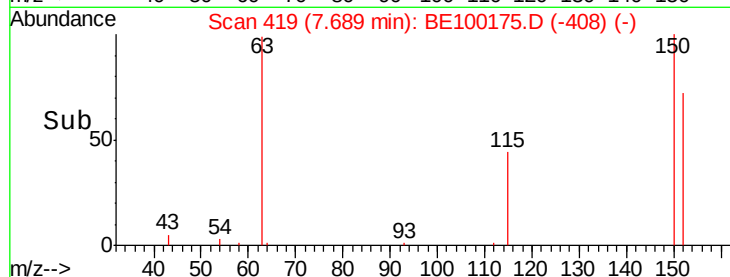
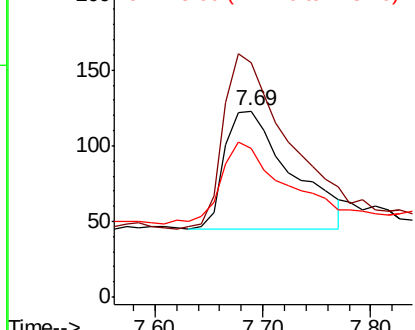
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 419
Delta R.T. 0.02 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 332
Ion Ratio Lower Upper
152 100
150 126.0 113.4 170.2
115 79.7 55.8 83.6



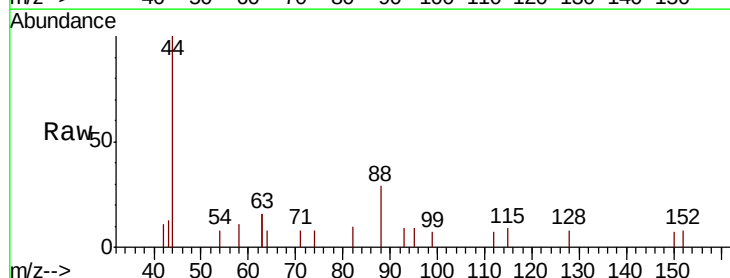
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



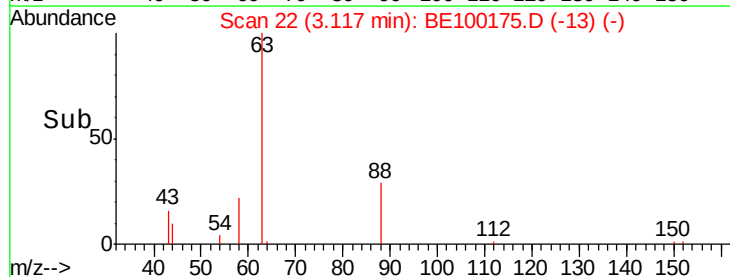
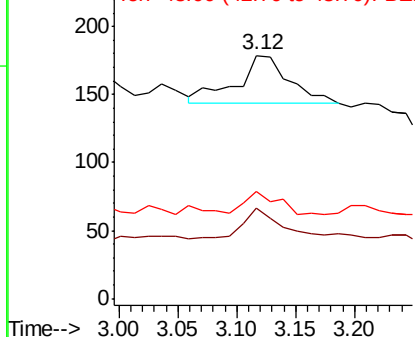
#2

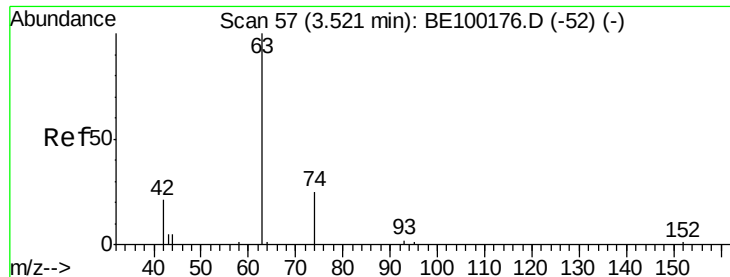
1,4-Dioxane
Concen: 0.227 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
58 47.7 43.8 65.6
43 29.9 19.4 29.2#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.108 ng

RT: 3.55 min Scan# 60

Delta R.T. 0.03 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

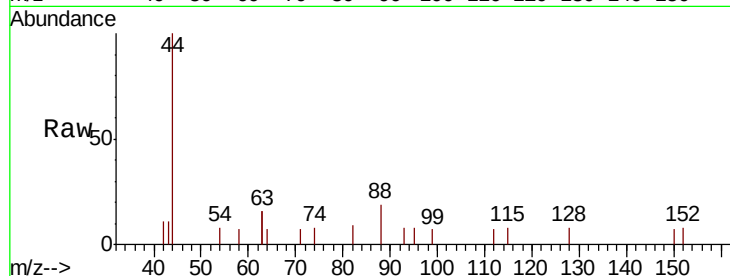
Tot Ion: 42 Resp: 21

Ion Ratio Lower Upper

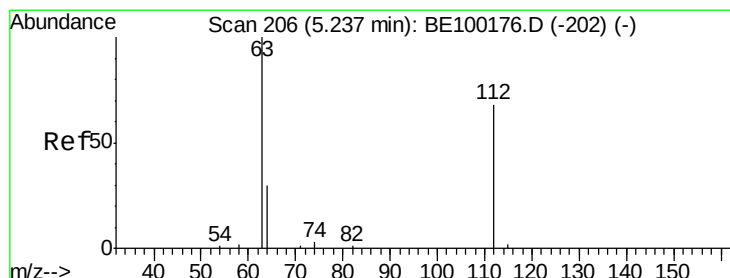
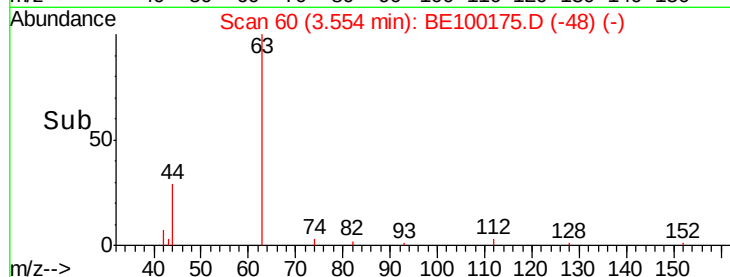
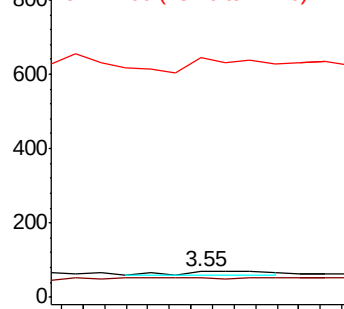
42 100

74 0.0 193.2 289.8#

44 438.1 114.5 171.7#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.041 ng

RT: 5.25 min Scan# 207

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

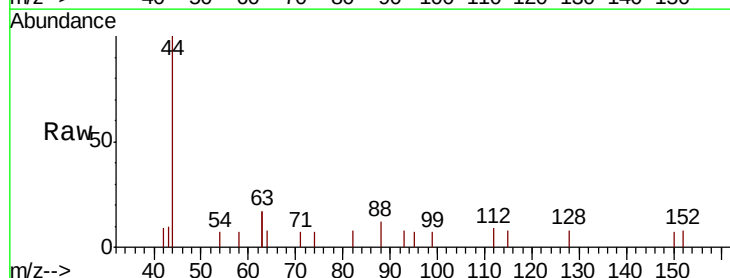
Tgt Ion: 112 Resp: 32

Ion Ratio Lower Upper

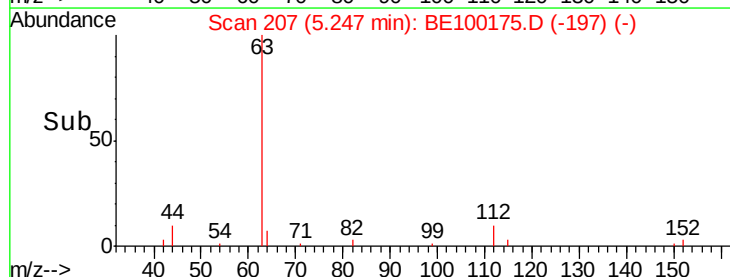
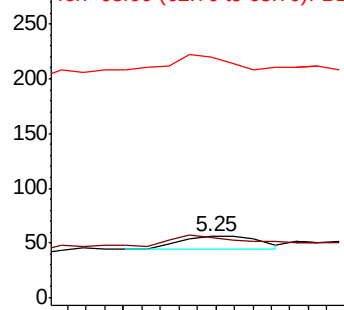
112 100

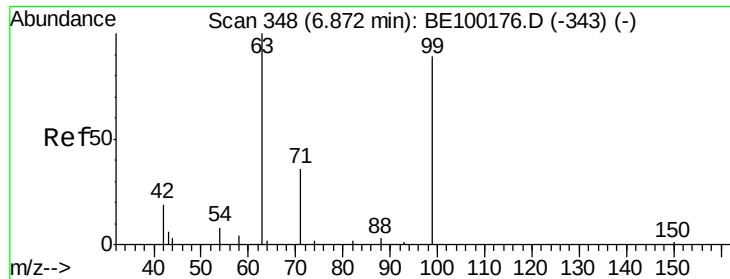
64 100.0 40.7 61.1#

63 87.5 93.2 139.8#



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.003 ng

RT: 6.85 min Scan# 346

Delta R.T. -0.02 min

Lab File: BE100175.D

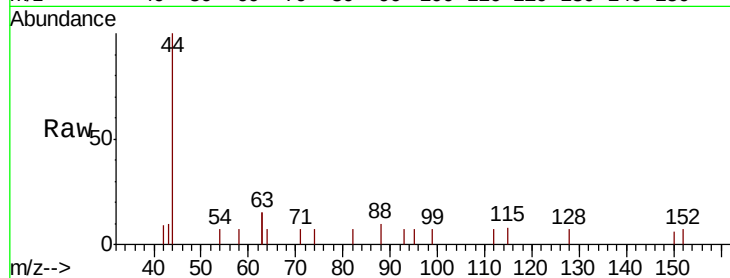
Acq: 25 Jun 2019 10:37

Instrument :

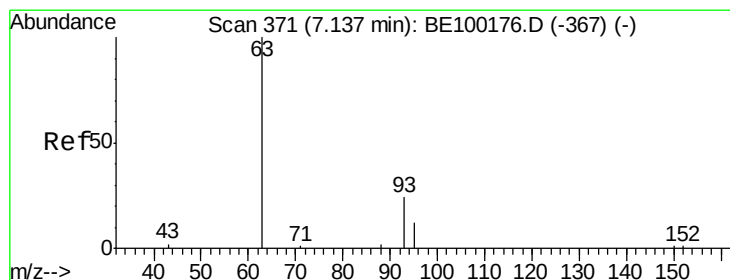
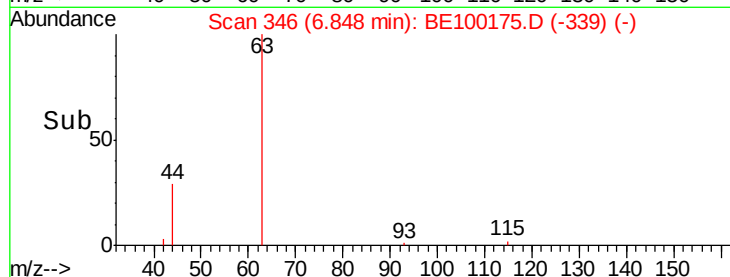
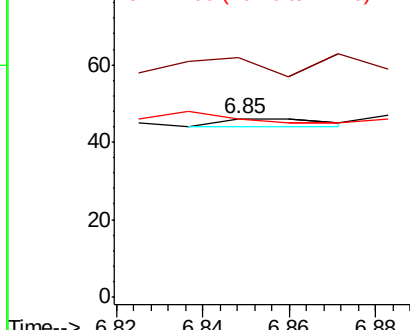
BNA_E

ClientSampleId :

Tot Ion:	99	Resp:	3
Ion	Ratio	Lower	Upper
99	100		
42	200.0	10.4	15.6#
71	100.0	32.4	48.6#



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.097 ng

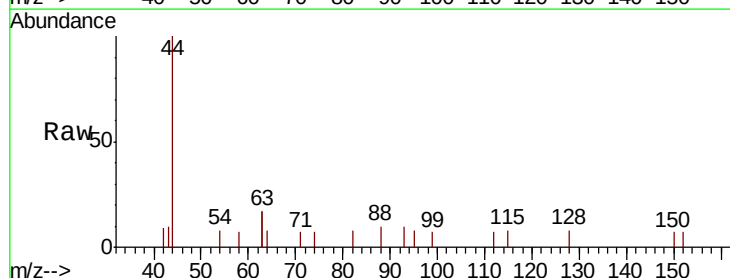
RT: 7.17 min Scan# 374

Delta R.T. 0.03 min

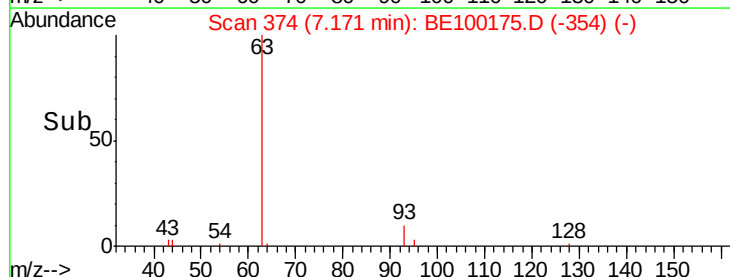
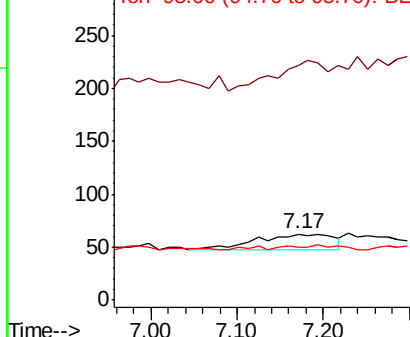
Lab File: BE100175.D

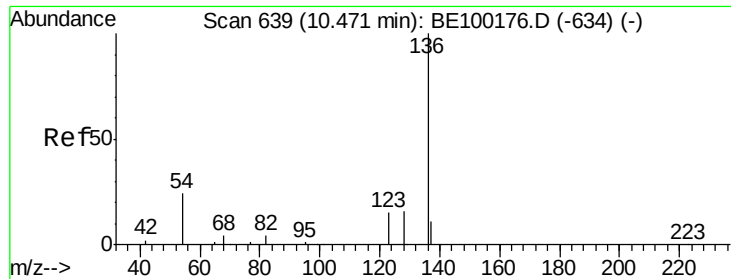
Acq: 25 Jun 2019 10:37

Tgt Ion:	93	Resp:	87
Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	5.7	21.0	31.6#



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 1303

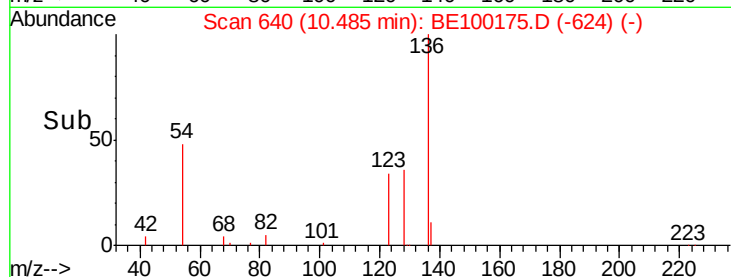
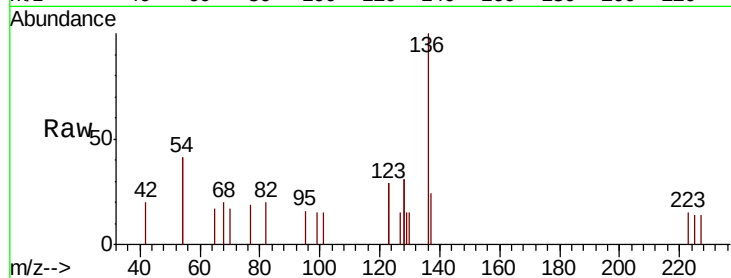
Ion Ratio Lower Upper

136 100

137 23.6 13.8 20.8#

54 82.2 35.4 53.2#

68 19.7 8.8 13.2#

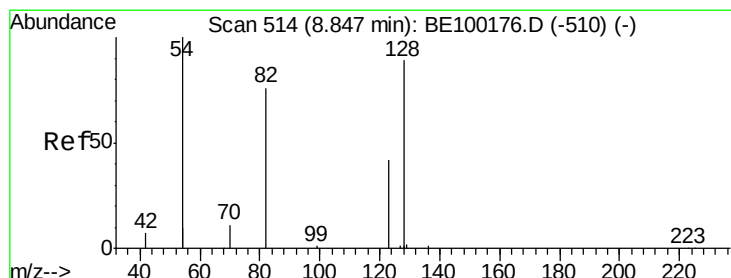
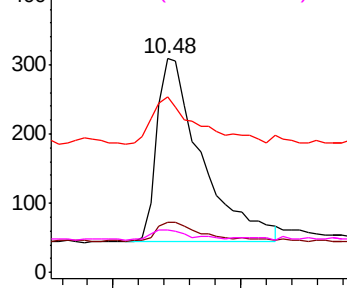


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.059 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.07 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

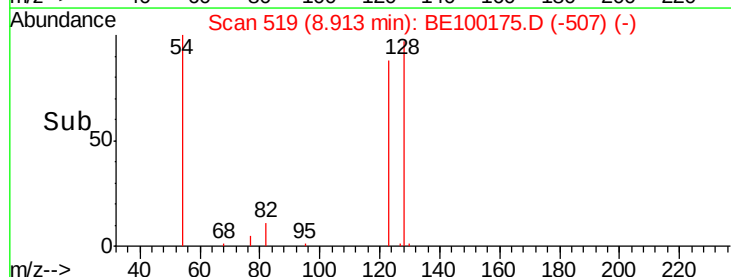
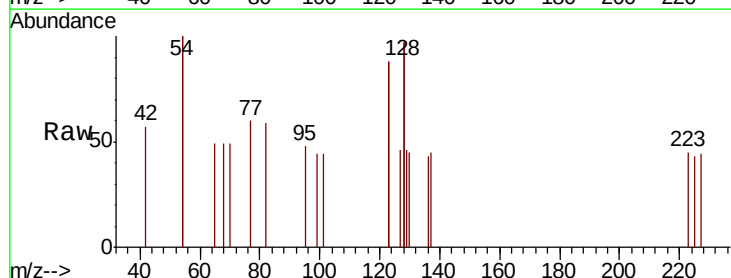
Tgt Ion: 82 Resp: 72

Ion Ratio Lower Upper

82 100

128 327.9 144.6 217.0#

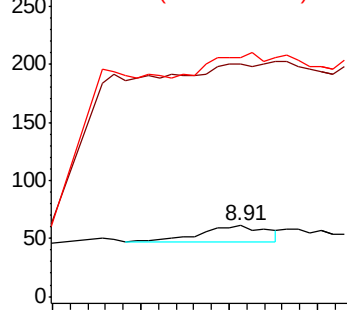
54 337.7 163.0 244.6#

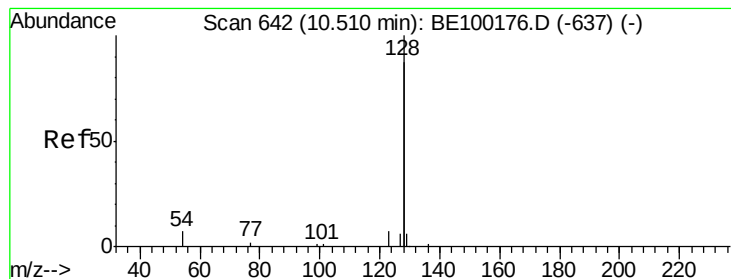


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.099 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.03 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

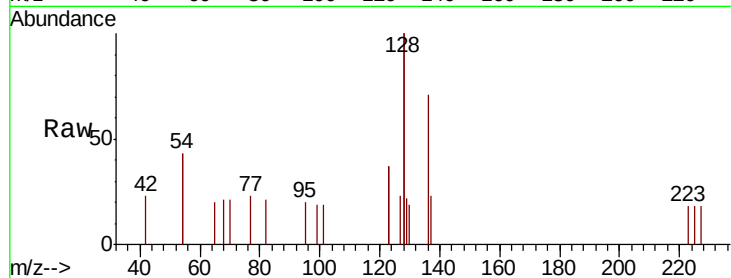
Tot Ion:128 Resp: 1398

Ion Ratio Lower Upper

128 100

129 10.9 3.6 5.4#

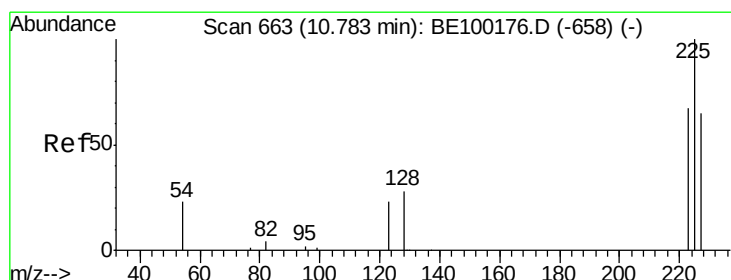
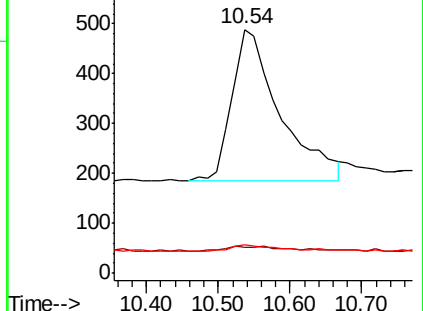
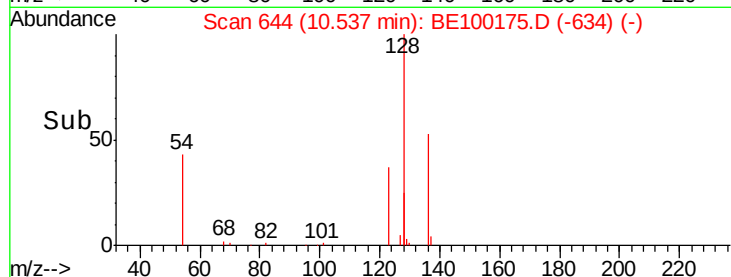
127 11.5 3.8 5.8#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.121 ng

RT: 10.78 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

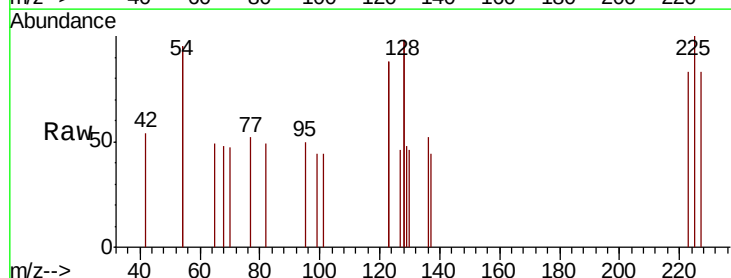
Tgt Ion:225 Resp: 163

Ion Ratio Lower Upper

225 100

223 63.8 50.1 75.1

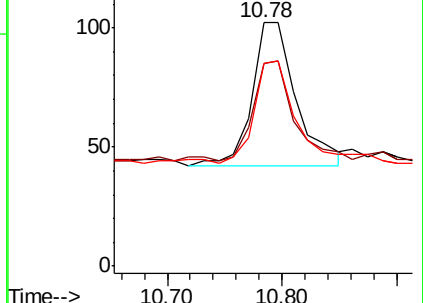
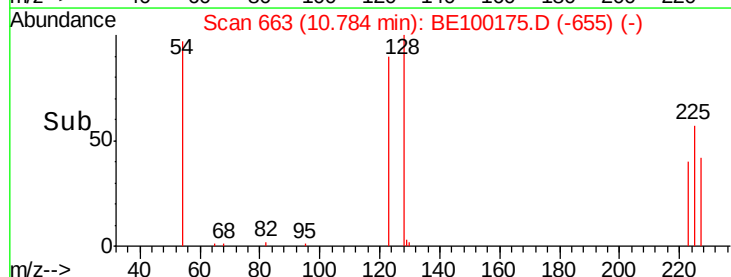
227 66.3 50.9 76.3

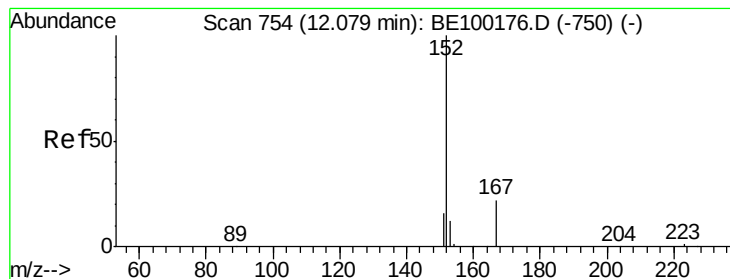


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

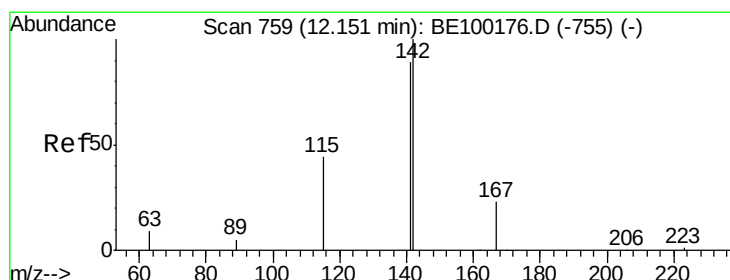
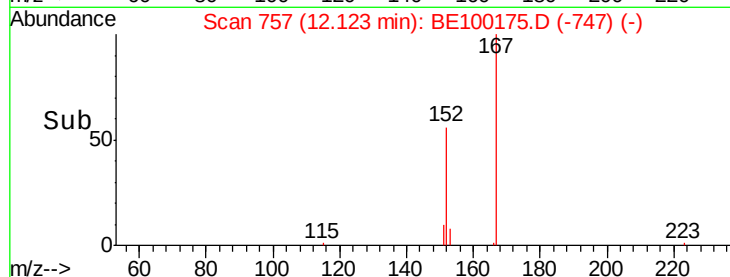
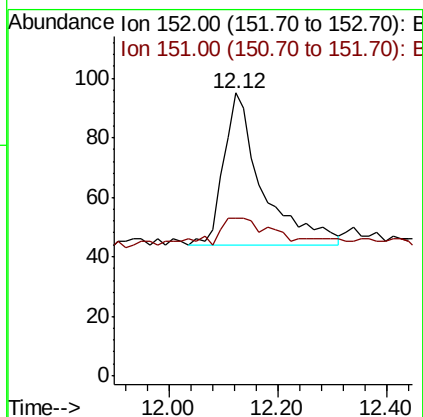
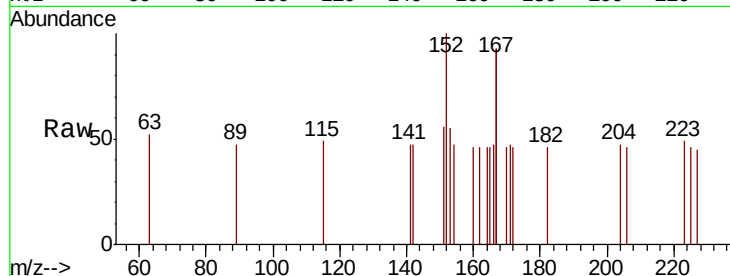




#11
 2-Methylnaphthalene-d10
 Concen: 0.104 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.04 min
 Lab File: BE100175.D
 Acq: 25 Jun 2019 10:37

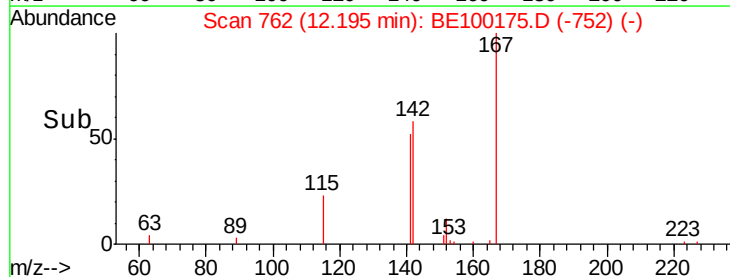
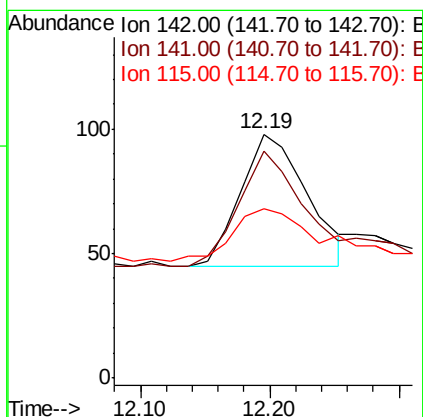
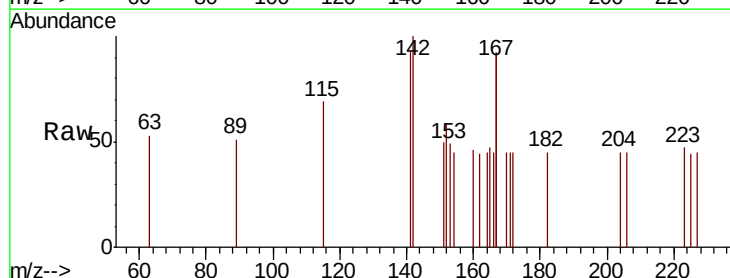
Instrument :
 BNA_E
 ClientSampled :

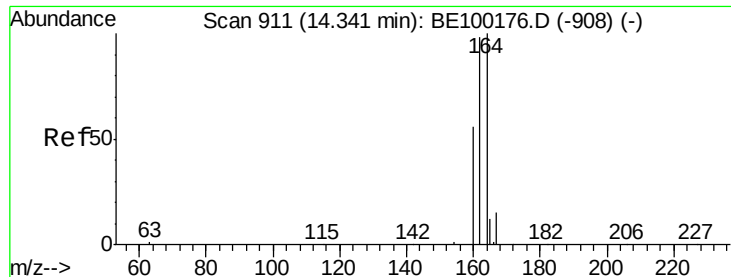
Tot Ion:152 Resp: 252
 Ion Ratio Lower Upper
 152 100
 151 17.9 16.3 24.5



#12
 2-Methylnaphthalene
 Concen: 0.081 ng
 RT: 12.19 min Scan# 762
 Delta R.T. 0.04 min
 Lab File: BE100175.D
 Acq: 25 Jun 2019 10:37

Tgt Ion:142 Resp: 189
 Ion Ratio Lower Upper
 142 100
 141 92.9 71.8 107.8
 115 69.4 40.4 60.6#

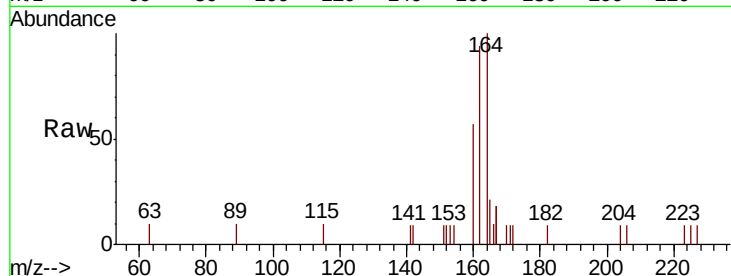




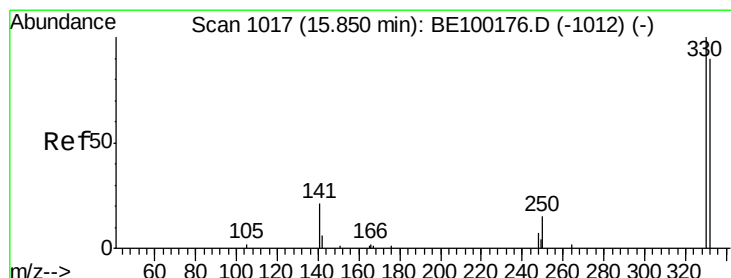
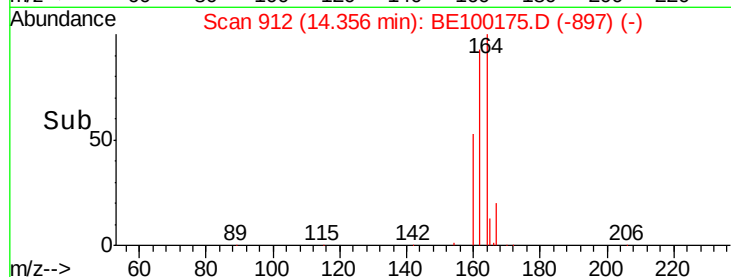
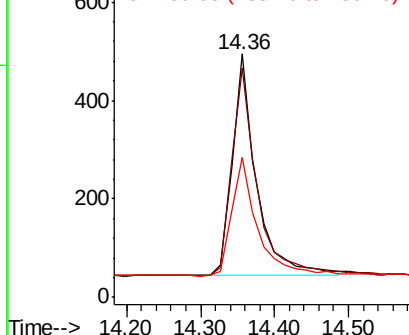
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 1026
Ion Ratio Lower Upper
164 100
162 94.3 78.6 118.0
160 57.4 46.9 70.3

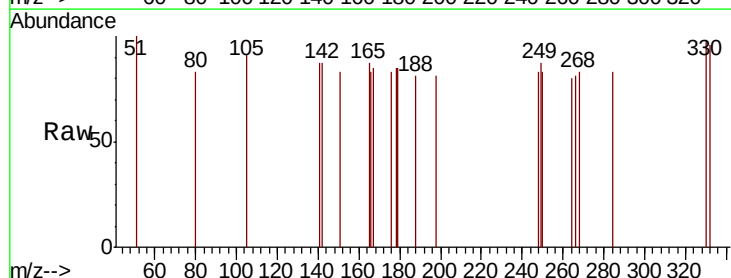


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

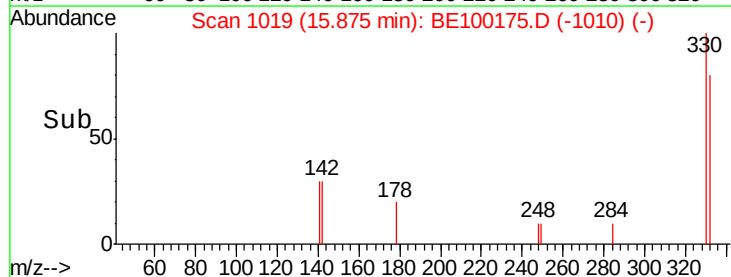
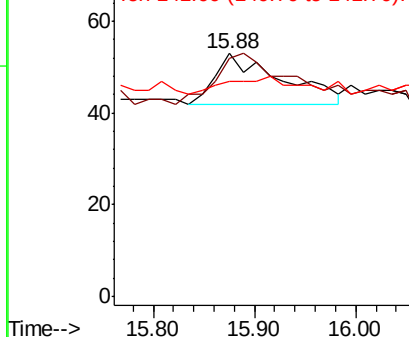


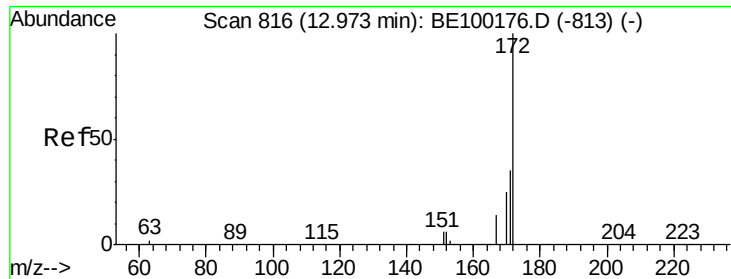
#14
2,4,6-Tribromophenol
Concen: 0.070 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.03 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:330 Resp: 49
Ion Ratio Lower Upper
330 100
332 95.9 77.7 116.5
141 0.0 18.9 28.3#



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

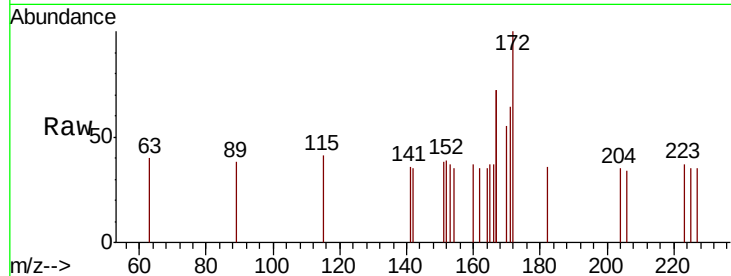




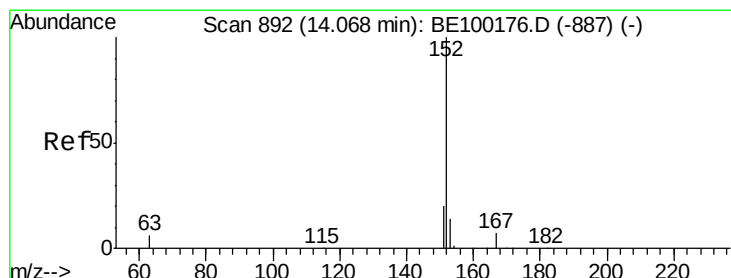
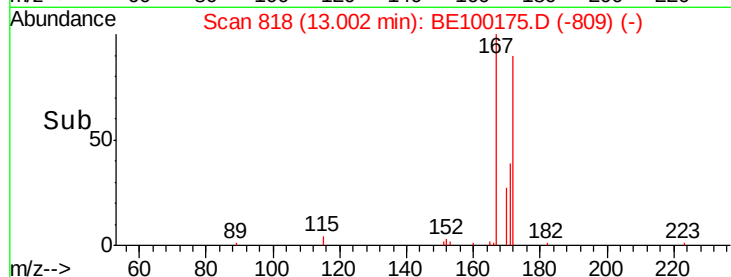
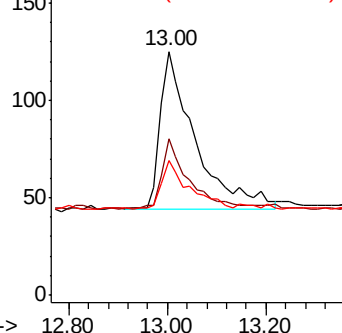
#15
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 13.00 min Scan# 818
Delta R.T. 0.03 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 399
Ion Ratio Lower Upper
172 100
171 64.0 31.0 46.4#
170 55.2 23.9 35.9#

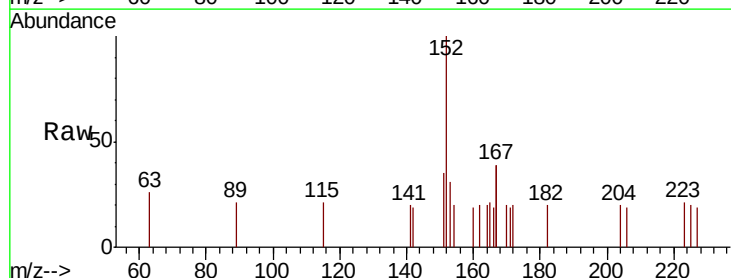


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

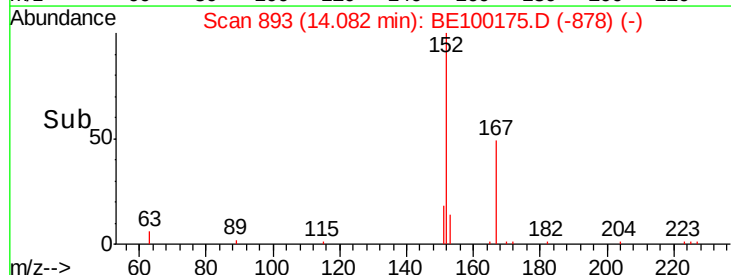
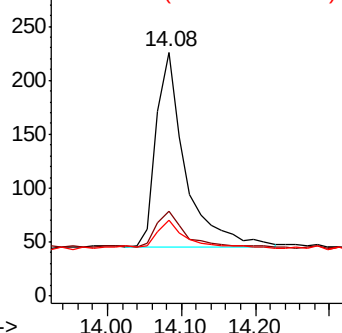


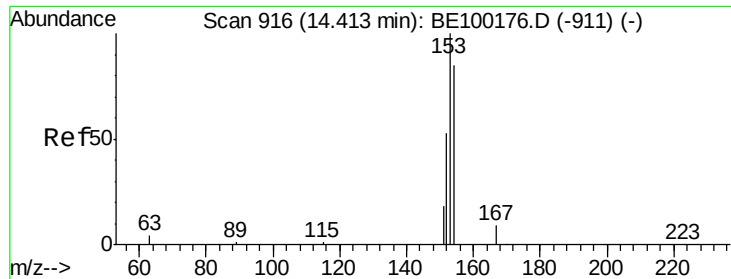
#16
Acenaphthylene
Concen: 0.102 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:152 Resp: 500
Ion Ratio Lower Upper
152 100
151 18.4 15.4 23.0
153 19.0 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

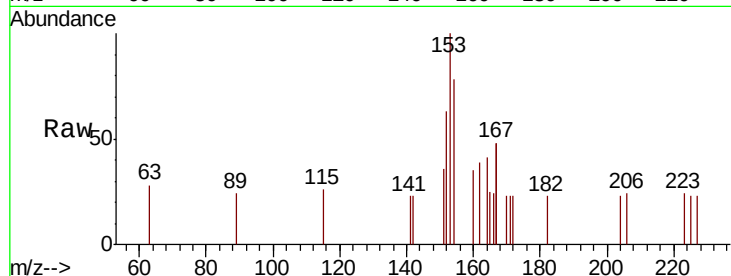




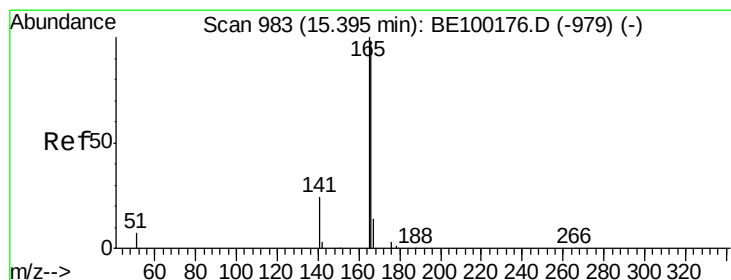
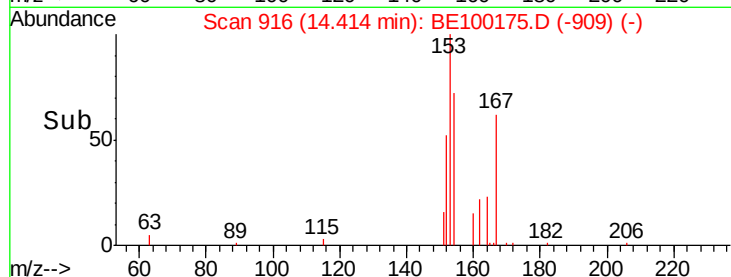
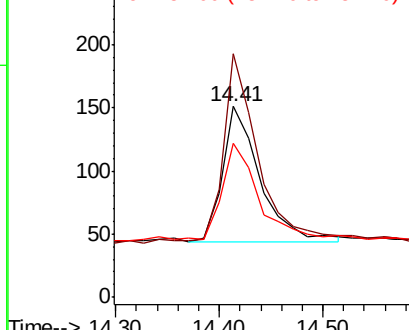
#17
Acenaphthene
Concen: 0.097 ng
RT: 14.41 min Scan# 916
Delta R.T. 0.00 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 270
Ion Ratio Lower Upper
154 100
153 123.0 95.3 142.9
152 67.4 52.9 79.3

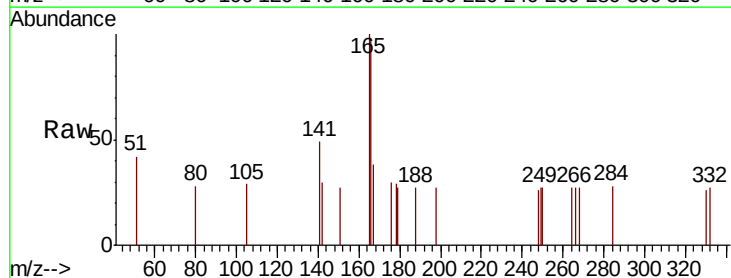


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

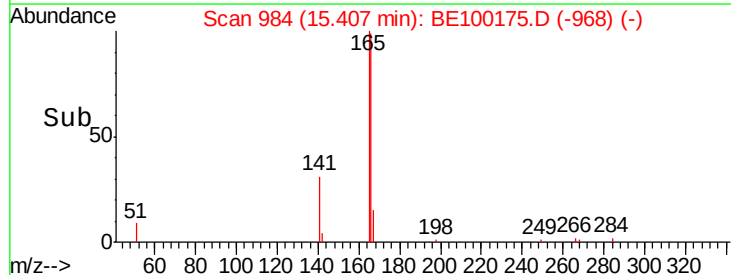
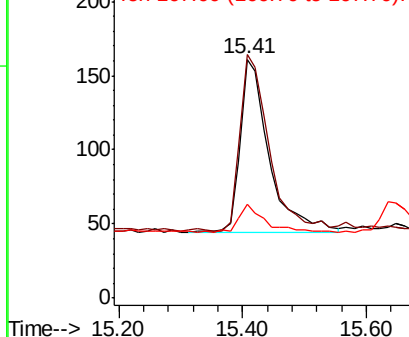


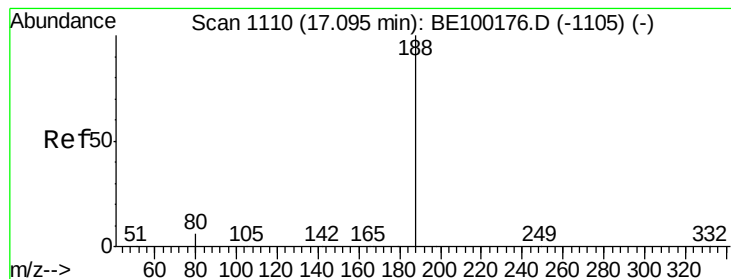
#18
Fluorene
Concen: 0.094 ng
RT: 15.41 min Scan# 984
Delta R.T. 0.01 min
Lab File: BE100175.D
Acq: 25 Jun 2019 10:37

Tgt Ion:166 Resp: 384
Ion Ratio Lower Upper
166 100
165 101.8 81.0 121.4
167 15.6 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampled :

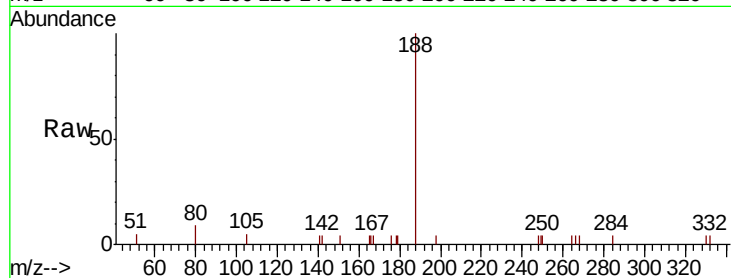
Tot Ion:188 Resp: 3069

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

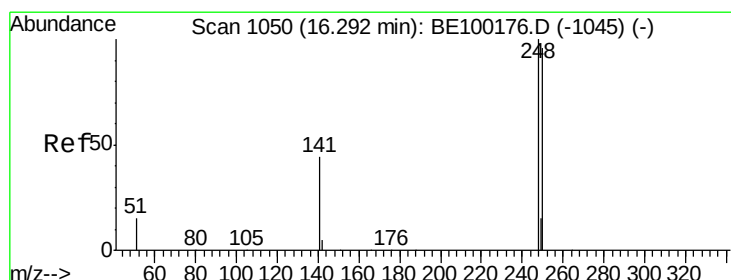
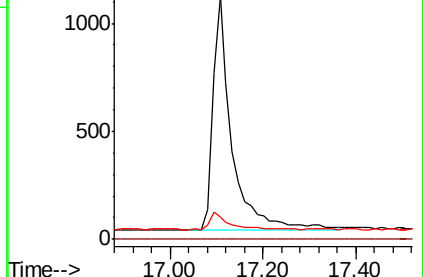
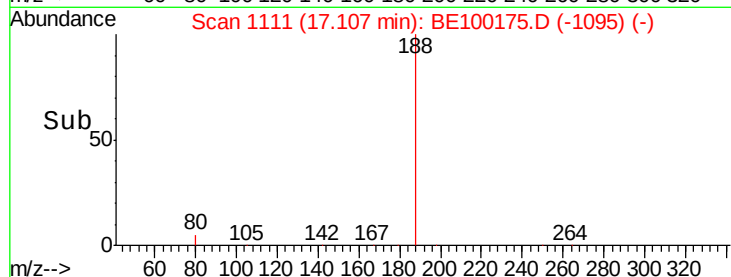
80 9.1 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.094 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

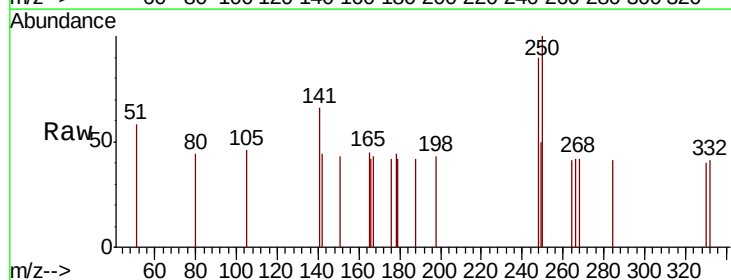
Tgt Ion:248 Resp: 179

Ion Ratio Lower Upper

248 100

250 111.3 77.1 115.7

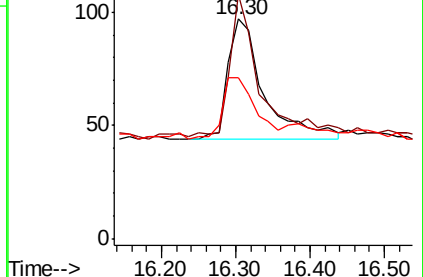
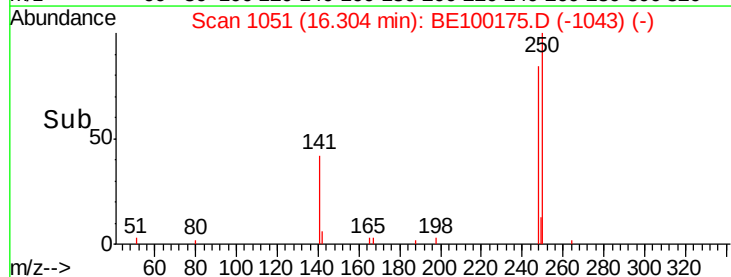
141 73.2 39.5 59.3#

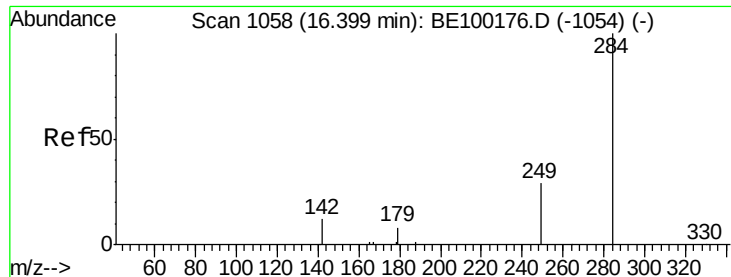


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.106 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

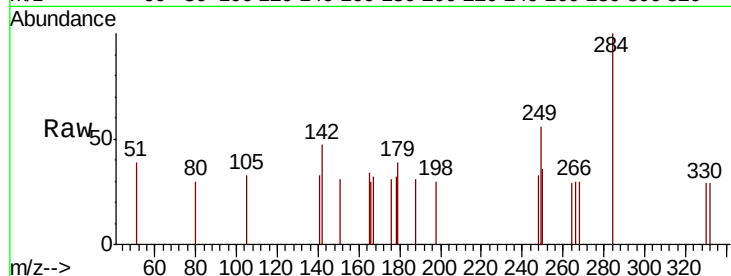
Tot Ion:284 Resp: 213

Ion Ratio Lower Upper

284 100

142 25.4 20.1 30.1

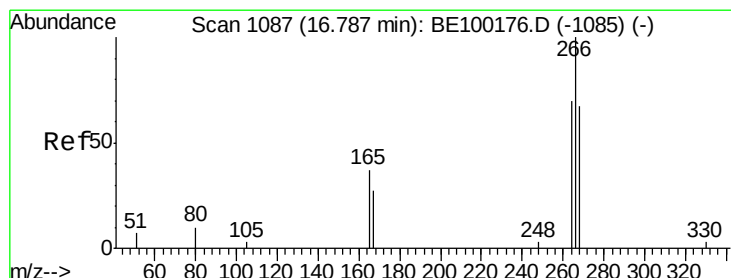
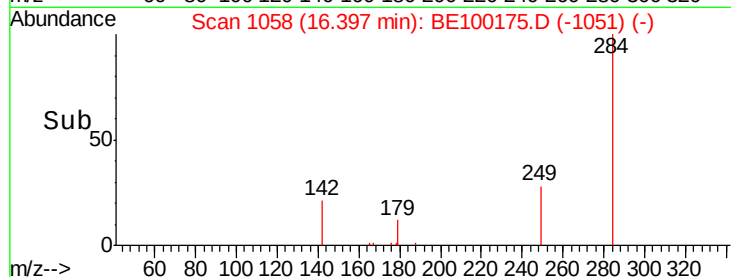
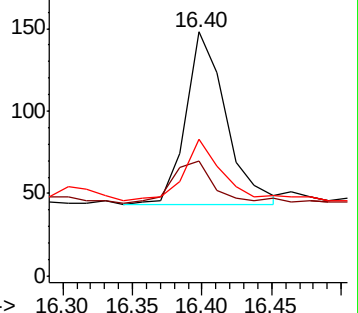
249 31.0 26.2 39.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.002 ng

RT: 16.76 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

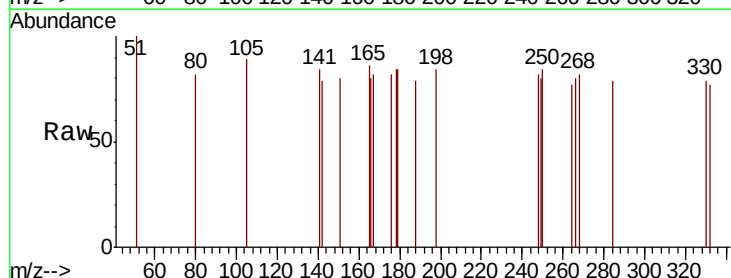
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 95.6 67.7 101.5

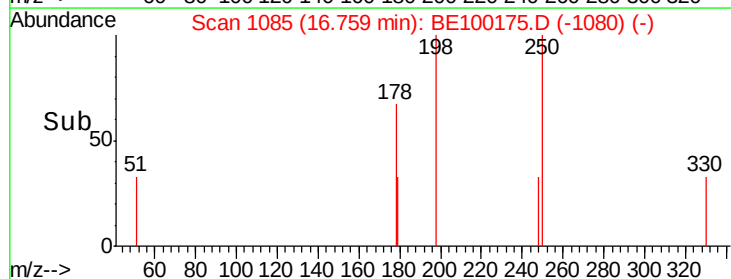
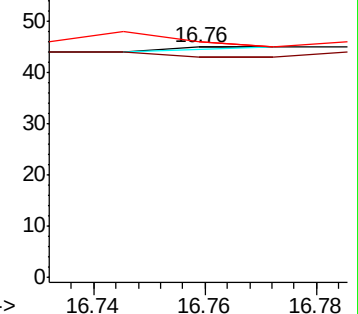
268 102.2 69.8 104.6

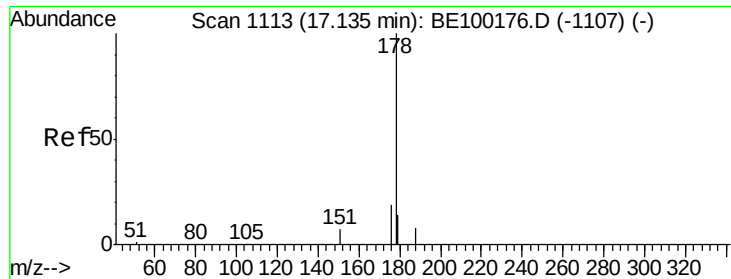


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.095 ng

RT: 17.15 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

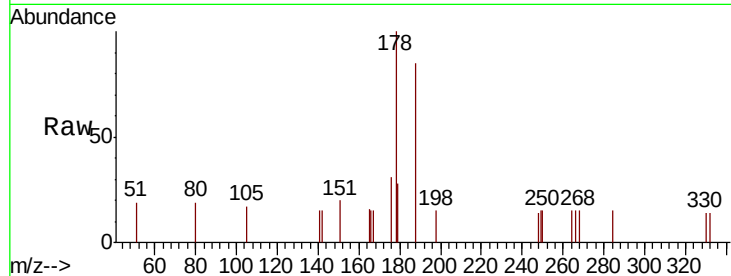
Tot Ion:178 Resp: 682

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

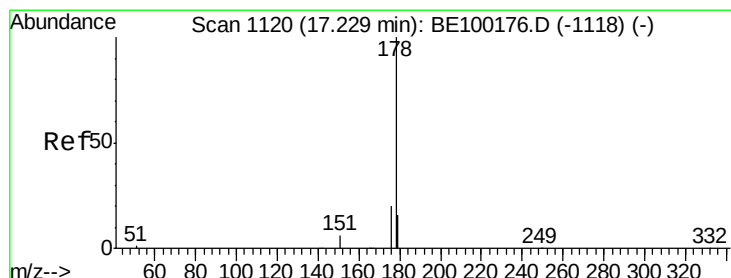
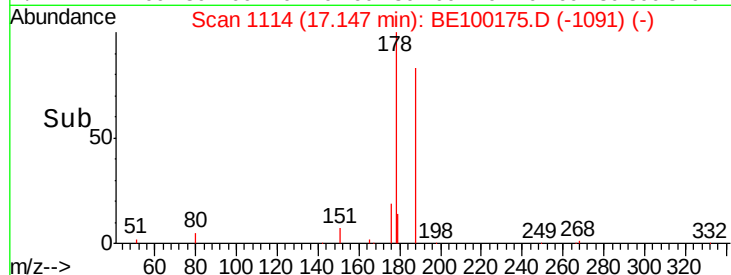
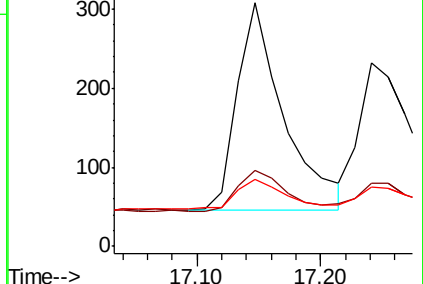
179 16.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.069 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

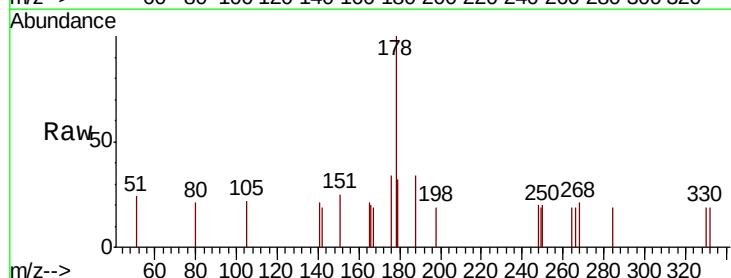
Tgt Ion:178 Resp: 440

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

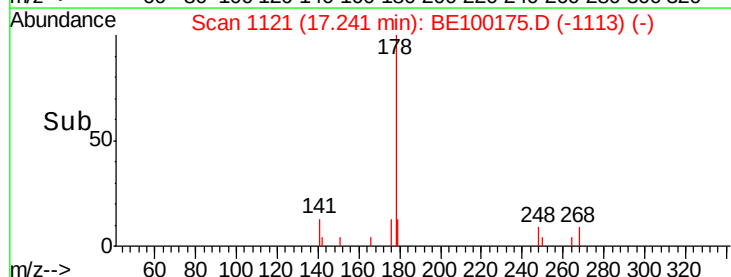
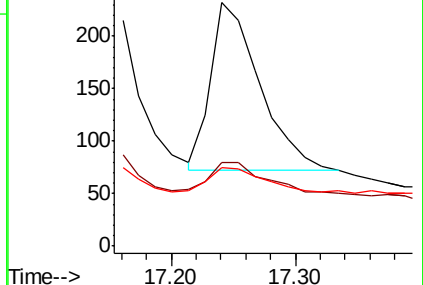
179 15.2 12.9 19.3

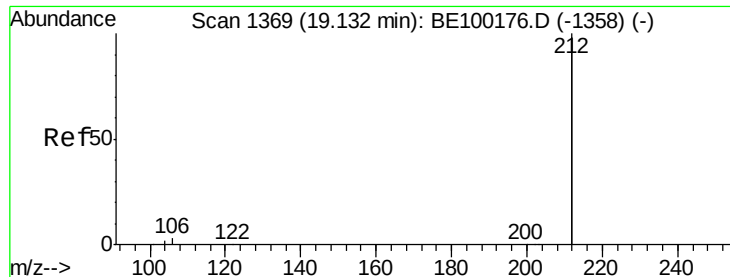


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.098 ng

RT: 19.14 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampled :

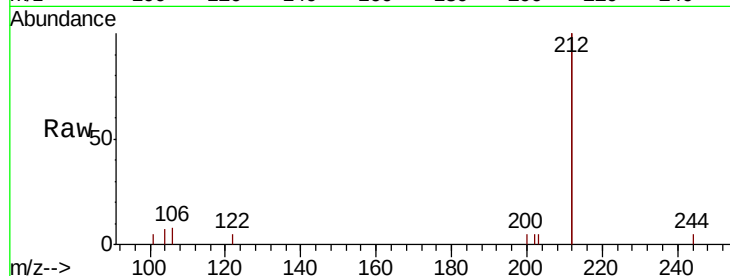
Tot Ion:212 Resp: 4283

Ion Ratio Lower Upper

212 100

106 1.7 1.3 1.9

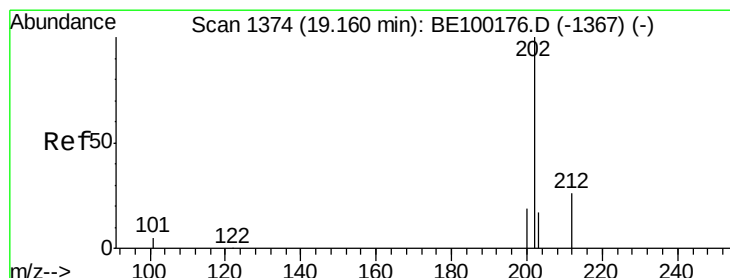
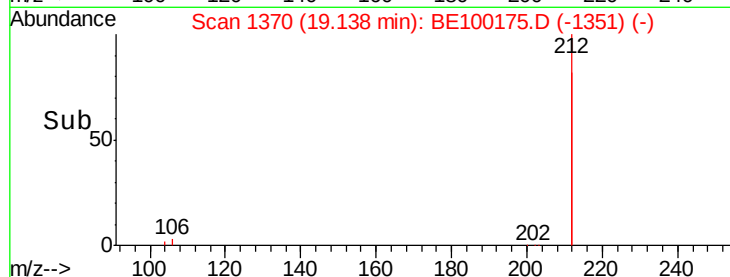
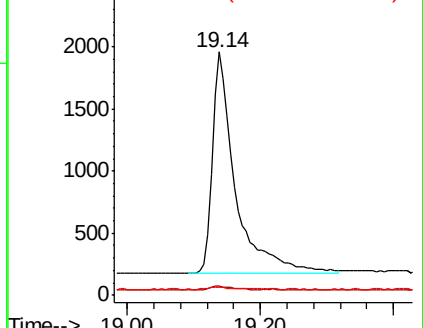
104 0.8 0.7 1.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.096 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

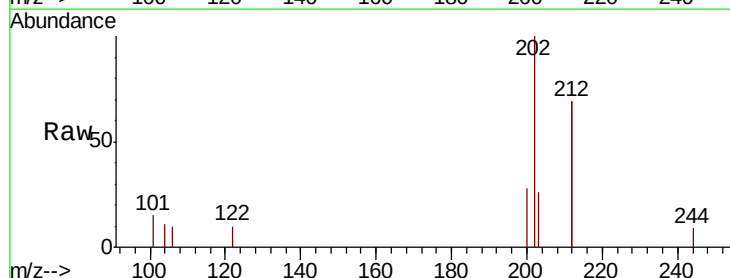
Tgt Ion:202 Resp: 1105

Ion Ratio Lower Upper

202 100

101 6.4 4.5 6.7

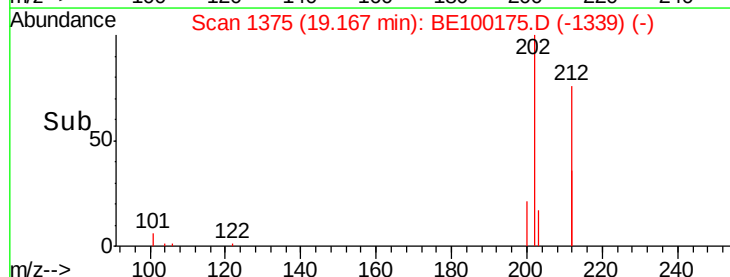
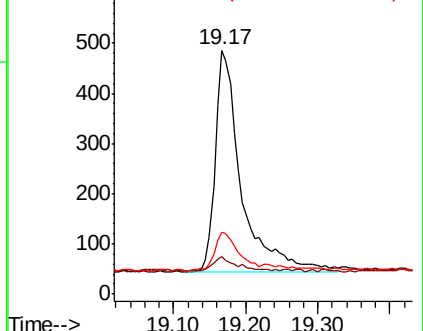
203 15.6 13.7 20.5

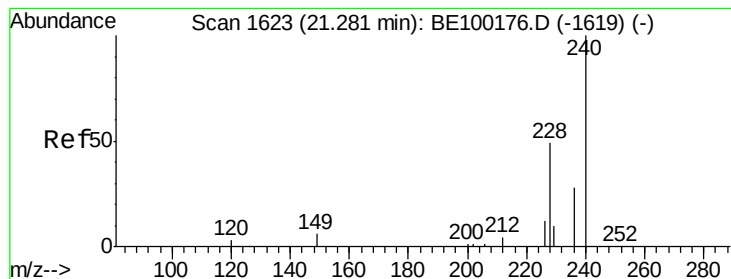


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

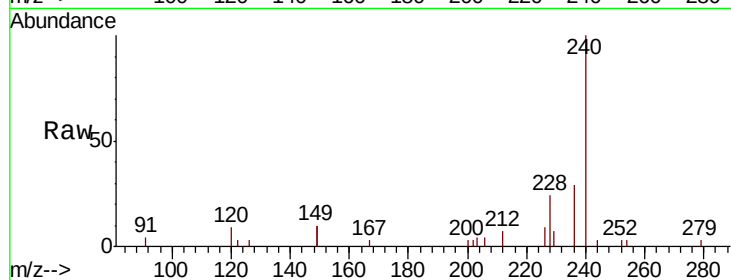
Tot Ion:240 Resp: 4322

Ion Ratio Lower Upper

240 100

120 8.8 4.1 6.1#

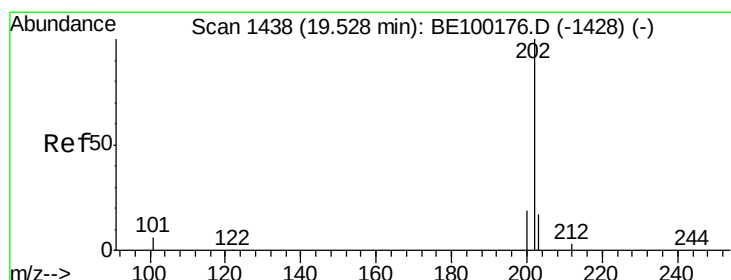
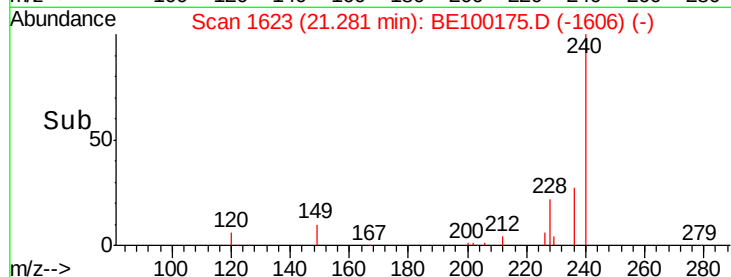
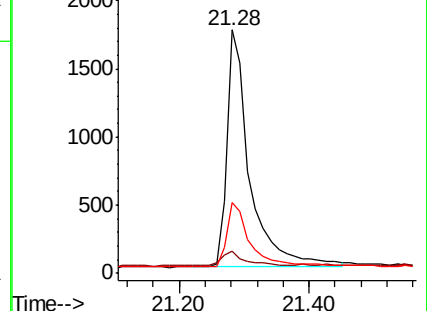
236 29.2 23.0 34.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.092 ng

RT: 19.53 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

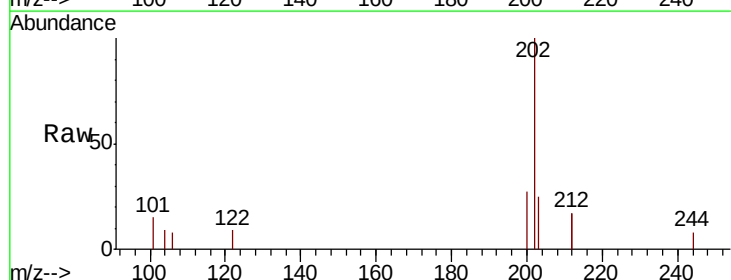
Tgt Ion:202 Resp: 1122

Ion Ratio Lower Upper

202 100

200 20.0 15.5 23.3

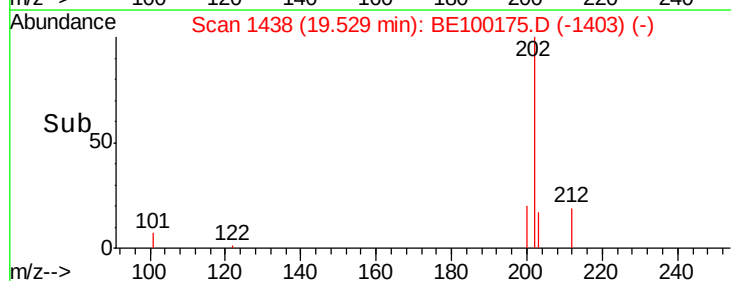
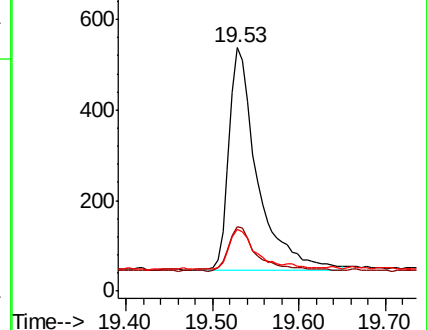
203 17.6 13.9 20.9

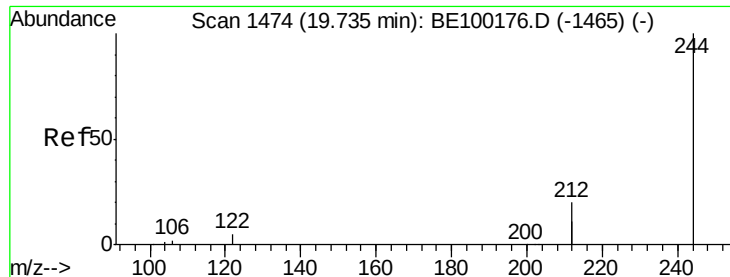


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.091 ng

RT: 19.75 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

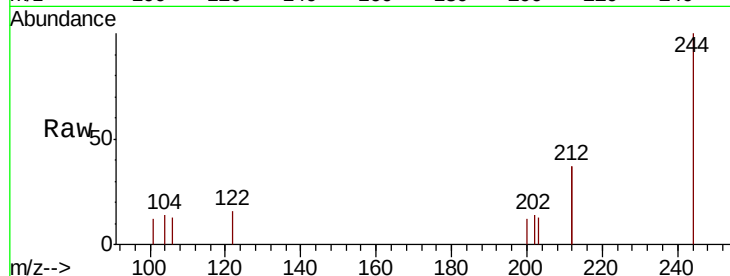
Tot Ion:244 Resp: 843

Ion Ratio Lower Upper

244 100

212 74.4 30.7 46.1#

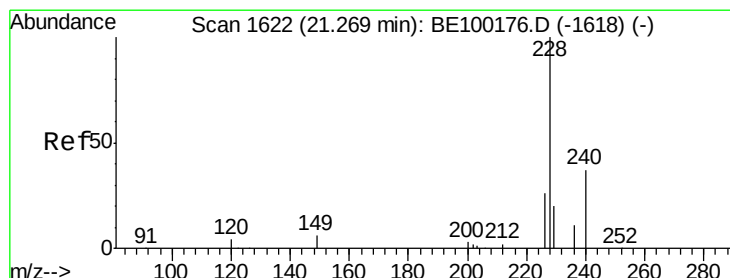
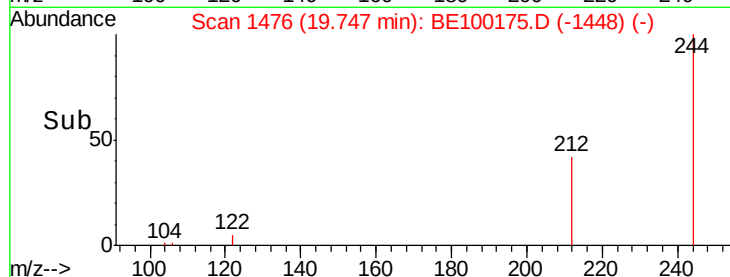
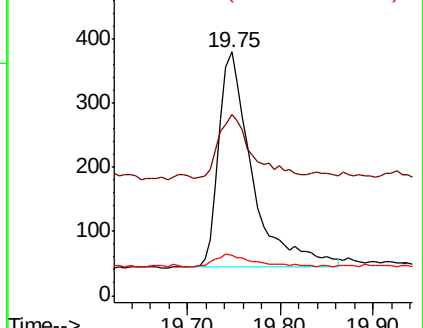
122 16.4 5.8 8.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.078 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

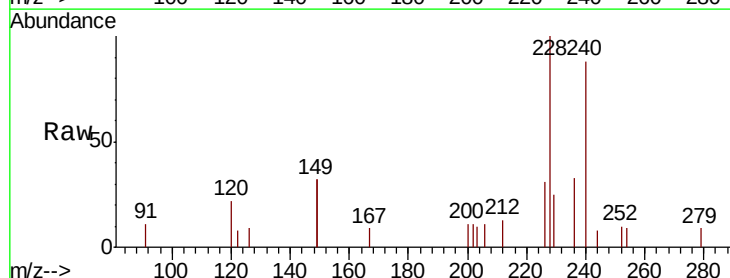
Tgt Ion:228 Resp: 1029

Ion Ratio Lower Upper

228 100

226 31.3 21.5 32.3

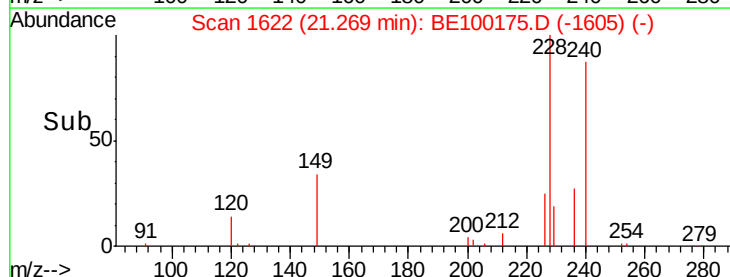
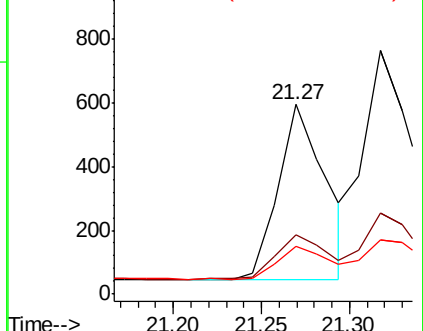
229 25.0 17.2 25.8

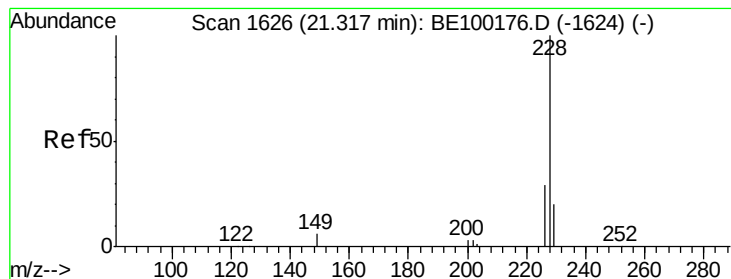


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.107 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

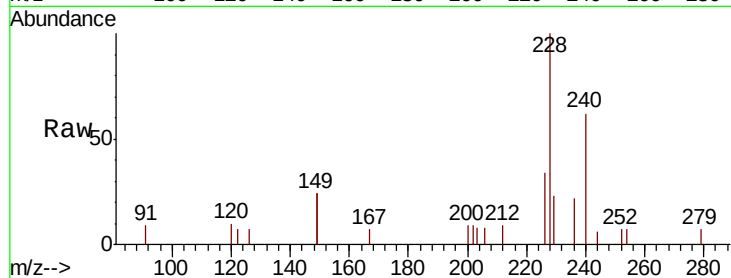
Tot Ion:228 Resp: 1547

Ion Ratio Lower Upper

228 100

226 33.5 23.7 35.5

229 22.5 16.5 24.7

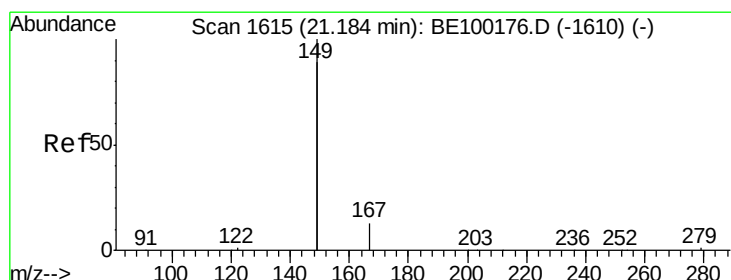
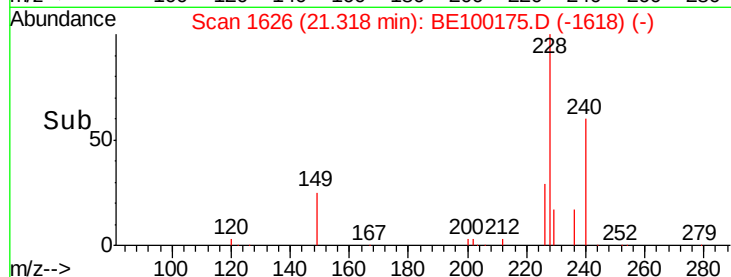
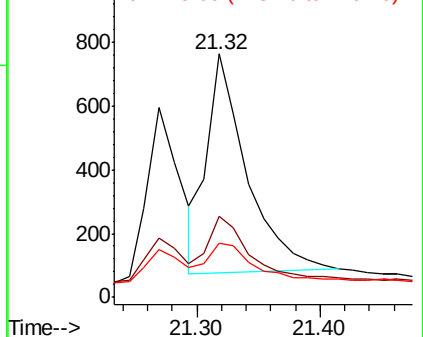


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.18 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

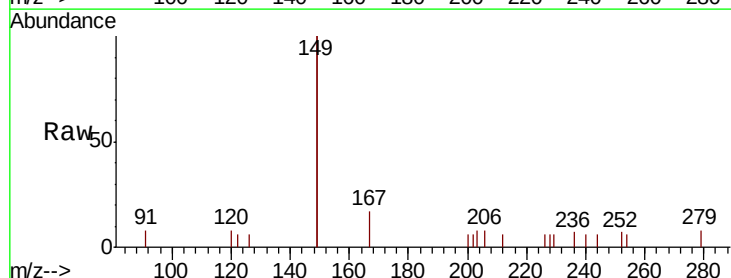
Tgt Ion:149 Resp: 1565

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

279 1.5 1.0 1.6

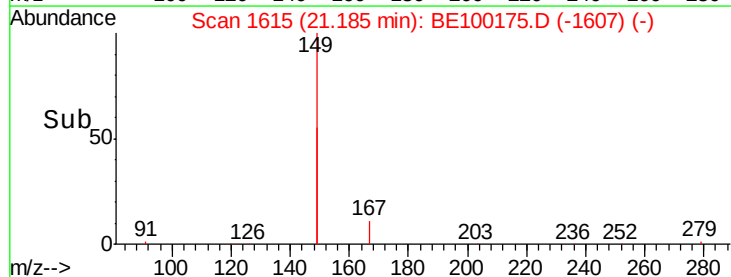
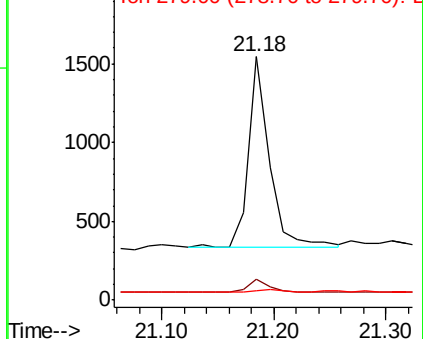


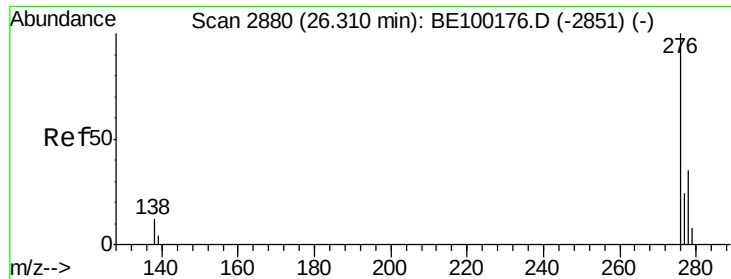
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

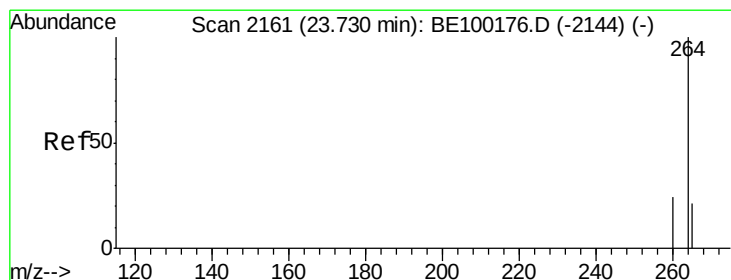
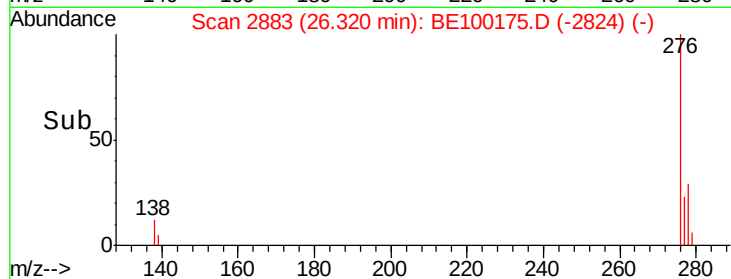
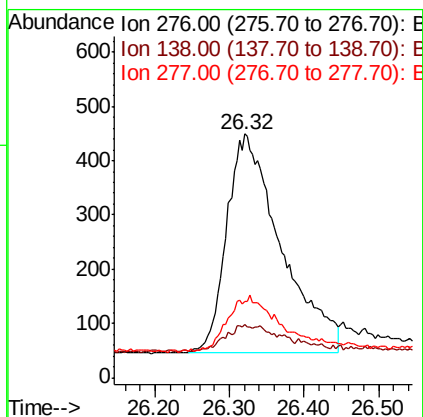
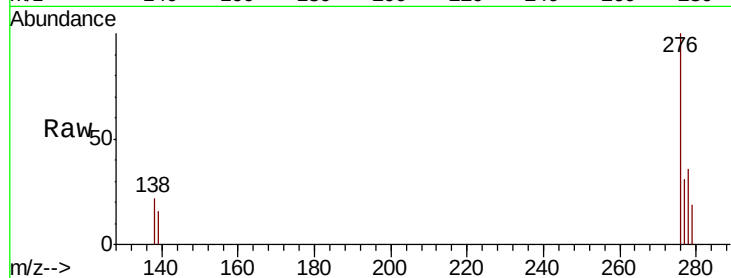




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.123 ng
 RT: 26.32 min Scan# 2883
 Delta R.T. 0.01 min
 Lab File: BE100175.D
 Acq: 25 Jun 2019 10:37

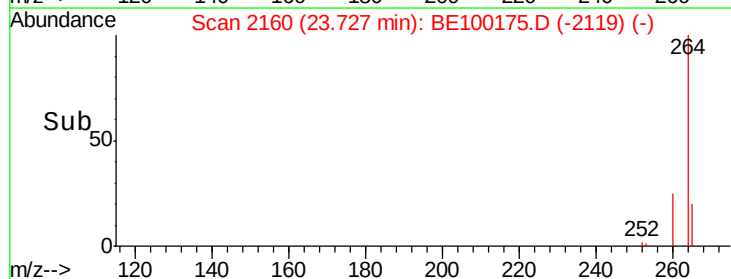
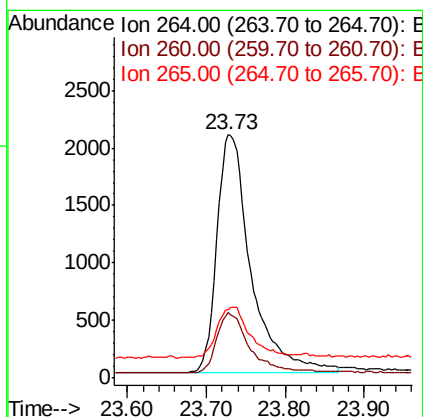
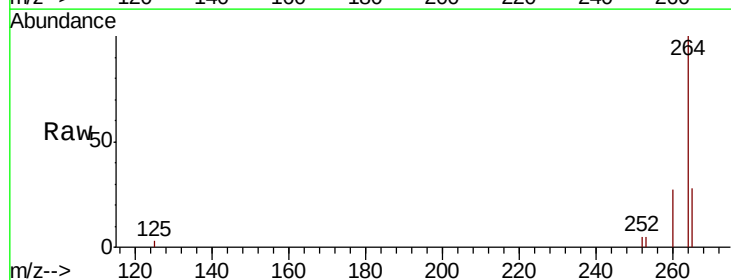
Instrument :
 BNA_E
 ClientSampleId :

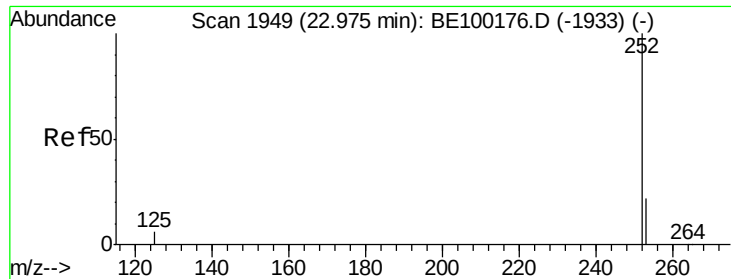
Tot Ion:276 Resp: 2045
 Ion Ratio Lower Upper
 276 100
 138 6.0 3.7 5.5#
 277 7.3 18.7 28.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BE100175.D
 Acq: 25 Jun 2019 10:37

Tgt Ion:264 Resp: 6205
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.4 30.6
 265 28.2 22.5 33.7





#35

Benzo(b)fluoranthene

Concen: 0.091 ng

RT: 22.98 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

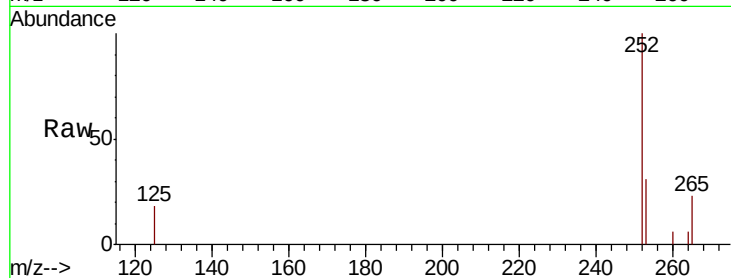
Tot Ion:252 Resp: 1440

Ion Ratio Lower Upper

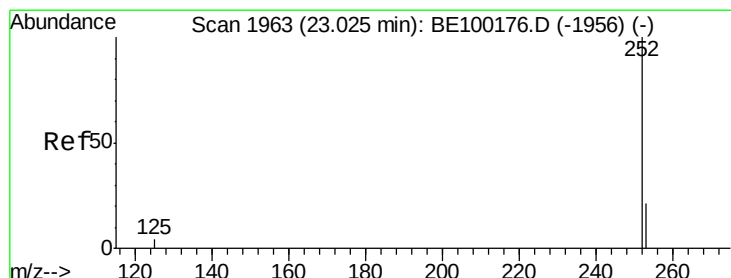
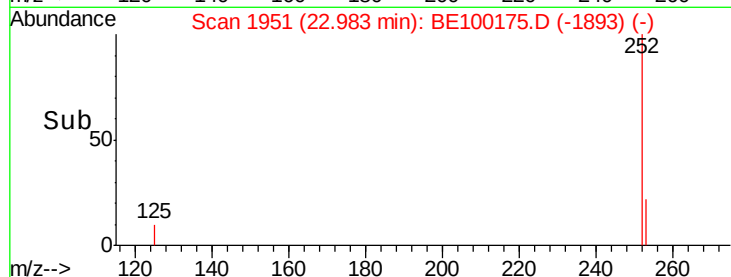
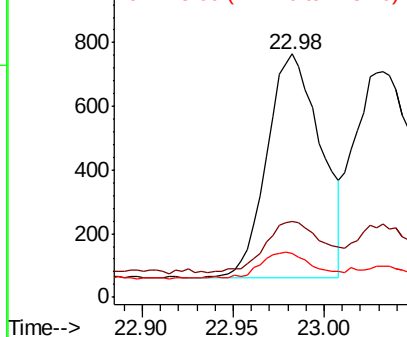
252 100

253 31.2 19.0 28.4#

125 17.8 6.3 9.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.097 ng

RT: 23.03 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

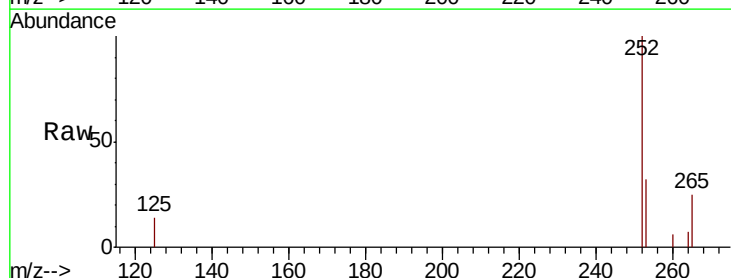
Tgt Ion:252 Resp: 1876

Ion Ratio Lower Upper

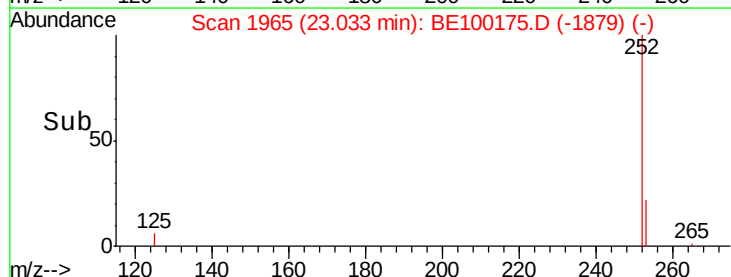
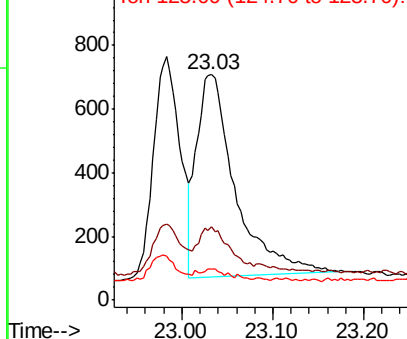
252 100

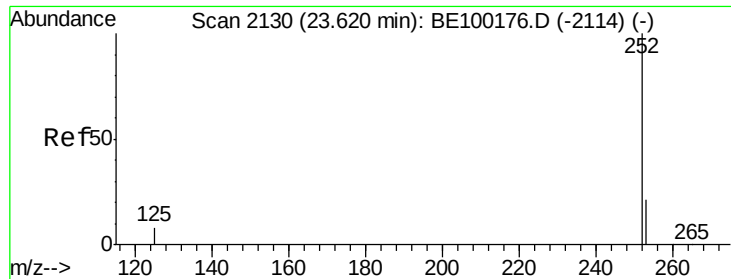
253 32.3 18.4 27.6#

125 13.8 5.0 7.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.099 ng

RT: 23.62 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

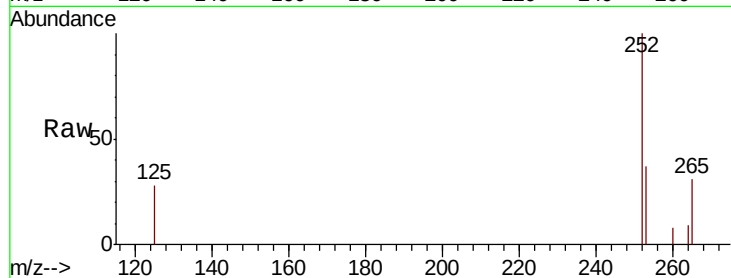
Tot Ion:252 Resp: 1632

Ion Ratio Lower Upper

252 100

253 37.3 19.2 28.8#

125 27.9 8.2 12.2#

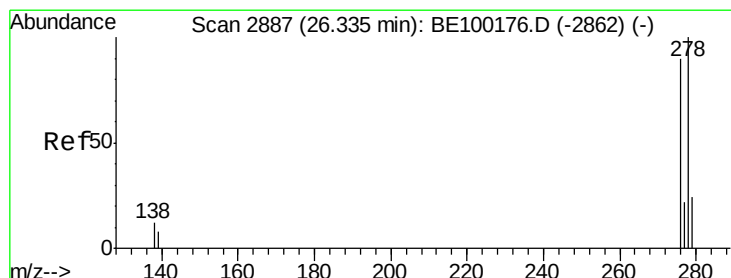
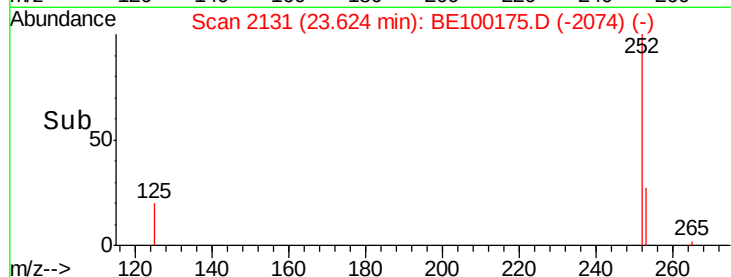
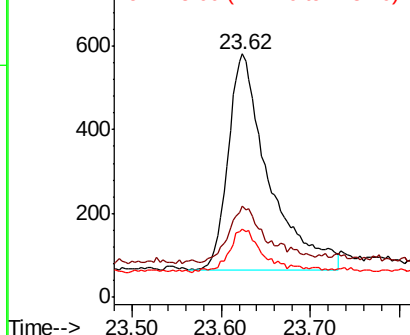


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.095 ng

RT: 26.36 min Scan# 2894

Delta R.T. 0.02 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

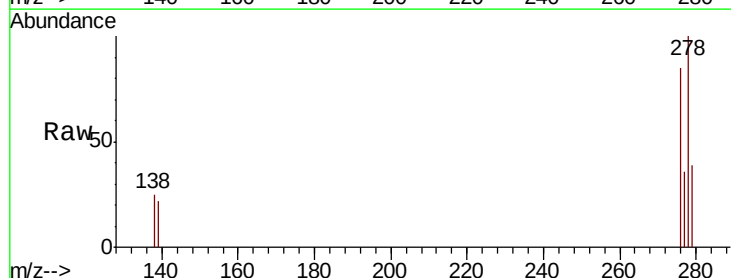
Tgt Ion:278 Resp: 1578

Ion Ratio Lower Upper

278 100

139 22.4 9.0 13.4#

279 38.7 21.1 31.7#

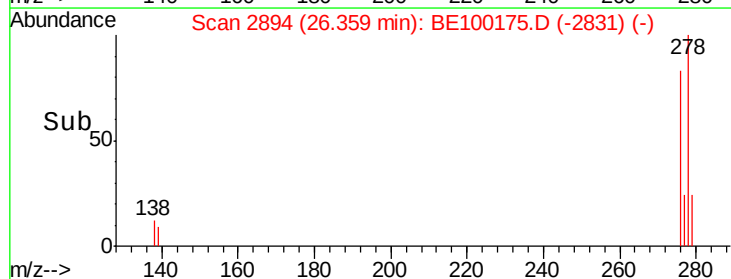
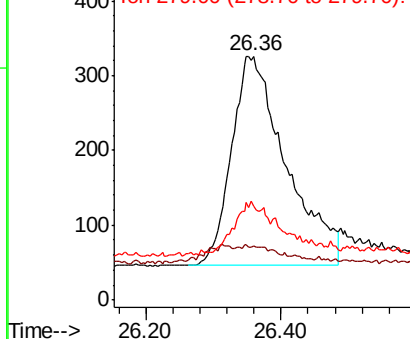


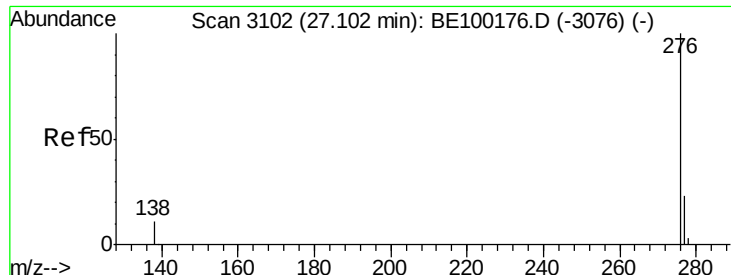
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.101 ng

RT: 27.11 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BE100175.D

Acq: 25 Jun 2019 10:37

Instrument :

BNA_E

ClientSampleId :

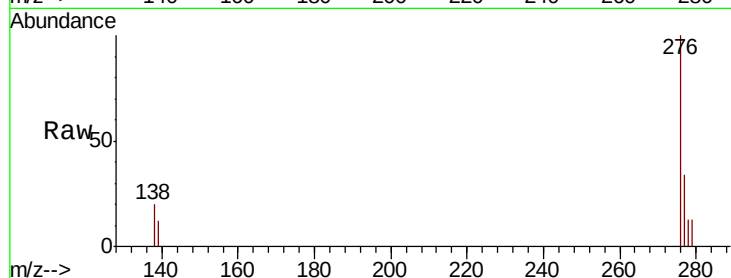
Tot Ion: 276 Resp: 1759

Ion Ratio Lower Upper

276 100

277 34.4 19.8 29.6#

138 20.4 10.2 15.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

